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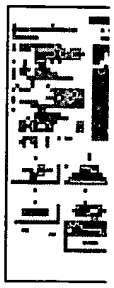
Title: **JP8165248A2: ENDOTOXIN-DERIVED INFLAMMATION INHIBITOR**

Country: **JP** Japan
Kind: **A**

Inventor: **KURIIWA NOBUO;**



Assignee: **KURIIWA NOBUO**
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Published / Filed: **June 25, 1996** / Dec. 15, 1994

Application Number: **JP1994000311963**

IPC Code: **A61K 38/16;** A61K 38/00;

Priority Number: Dec. 15, 1994 **JP1994000311963**

Abstract:

PURPOSE: To provide a new inflammation inhibitor capable of inhibiting endotoxin-inducible cytokine release, containing, as active ingredient, a lactoferrin-derived specific peptide.

CONSTITUTION: This inflammation inhibitor contains, as active ingredient, a peptide ≤10000 dalton in molecular weight derived from the N-terminal domain of lactoferrin. The peptide, which presents action to inhibit endotoxin-inducible cytokine release from immunocytes (for example, to inhibit interleukin-6 release from human monocytes due to endotoxin stimulation), has effect at concentrations of as low as 0.5-50ppm. Therefore, this inhibitor is useful for preventing and treating harmful effects due to endotoxin such as acute inflammation and septicemia, mediated by cytokine, due to Gram-negative bacteria. The peptide is obtained by hydrolysis of lactoferrin or by conventional peptide synthetic process, and purified. This inhibitor can be used in the form of oral agent, injection, eye drop or spray, or quasi-drug (e.g. mouthwash), cosmetic, food (e.g. chewing gum), etc.

Family: None

Other Abstract Info: CHEMABS 125(15)185855Y CAN125(15)185855Y DERABS C96-350155 DERC96-350155